

Decompression tables (imperial)

*For instructions on the use of these tables,
see the DCIEM Diving Manual.*

TABLE 1S: SHORT STANDARD AIR DECOMPRESSION (FEET)

| Depth (fsw) | No-Decompression Bottom Times (min) | | | | Decompression Required Bottom Times (min) | | | |
|-------------------------------------|--|----------------------------------|----------------------------------|------------|--|----------------|-------|-------|
| 20 | 30 A 60 B 90 C 120 D | 150 E 180 F 240 G 300 H | 360 I 420 J 480 K 600 L | 720 M ∞ | | | | |
| 30 | 30 A 45 B 60 C 90 D | 100 E 120 F 150 G 180 H | 190 I 210 J 240 K 270 L | 300 M | 330 N 360 O | 400 | 420 | 450 |
| 40 | 22 A 30 B 40 C | 60 D 70 E 80 F | 90 G 120 H 130 I | 150 J | 160 K 170 L | 180 M 190 | 200 | 215 |
| 50 | 18 A 25 B | 30 C 40 D | 50 E 60 F | 75 G | 85 H 95 I | 105 J 115 K | 124 L | 132 M |
| 60 | 14 A 20 B | 25 C 30 D | 40 E | 50 F | 60 G | 70 H 80 I | 85 J | 92 K |
| Decompression Time in minutes at | | | 10 fsw | | 5 | 10 | 15 | 20 |
| 70 | 12 A 15 B | 20 C | 25 D | 35 E | 40 F | 50 G | 63 I | 66 J |
| 80 | 10 A 13 B | 15 C | 20 D | 25 E | 29 F | 35 G | 48 H | 52 I |
| 90 | 9 A | 12 B | 15 C | 20 D | 23 E | 27 F | 35 G | 43 I |
| 100 | 7 A | 10 B | 12 C | 15 D | 18 D | 21 E | 29 G | 36 H |
| 110 | | 6 A | 10 B | 12 C | 15 D | 18 E | 22 F | 30 H |
| 120 | | 6 A | 8 B | 10 C | 12 D | 15 E | 19 F | 25 G |
| 130 | | | 5 A | 8 B | 10 C | 13 D | 16 F | 21 G |
| 140 | | | 5 A | 7 B | 9 C | 11 D | 14 F | 18 G |
| 150 | | | 4 A | 6 B | 8 C | 10 D | 12 E | 15 F |
| Decompression Time in minutes at | | | 20 fsw | | - | - | 5 | 10 |
| Decompression Time in minutes at | | | 10 fsw | | 5 | 10 | 10 | 10 |

TABLE 4: REPETITIVE DIVING (FEET)

| A. REPETITIVE FACTORS/SURFACE INTERVALS TABLE | | | | | | | | | | | |
|--|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------|------------------|
| Repet. Group (RG) | Repetitive Factors (RF) for Surface Intervals (SI) in hr:min | | | | | | | | | | |
| | 0:15 → 0:29 | 0:30 → 0:59 | 1:00 → 1:29 | 1:30 → 1:59 | 2:00 → 2:59 | 3:00 → 3:59 | 4:00 → 5:59 | 6:00 → 8:59 | 9:00 → 11:59 | 12:00 → 14:59 | 15:00 → 18:00 |
| A | 1.4 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 |
| B | 1.5 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 |
| C | 1.6 | 1.4 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 |
| D | 1.8 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.1 | 1.0 | 1.0 |
| E | 1.9 | 1.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.1 | 1.0 |
| F | 2.0 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.1 | 1.0 |
| G | - | 1.9 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.2 | 1.1 | 1.1 | 1.0 |
| H | - | - | 1.9 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.1 | 1.1 | 1.1 |
| I | - | - | 2.0 | 1.8 | 1.7 | 1.5 | 1.4 | 1.3 | 1.1 | 1.1 | 1.1 |
| J | - | - | - | 1.9 | 1.8 | 1.6 | 1.5 | 1.3 | 1.2 | 1.1 | 1.1 |
| K | - | - | - | 2.0 | 1.9 | 1.7 | 1.5 | 1.3 | 1.2 | 1.1 | 1.1 |
| L | - | - | - | - | 2.0 | 1.7 | 1.6 | 1.4 | 1.2 | 1.1 | 1.1 |
| M | - | - | - | - | - | 1.8 | 1.6 | 1.4 | 1.2 | 1.1 | 1.1 |
| N | - | - | - | - | - | 1.9 | 1.7 | 1.4 | 1.2 | 1.1 | 1.1 |
| O | - | - | - | - | - | 2.0 | 1.7 | 1.4 | 1.2 | 1.1 | 1.1 |

| B. NO-DECOMPRESSION REPETITIVE DIVING TABLE | | | | | | | | | | | |
|--|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Depth (fsw) | Allowable No-D Limits (min) for Repetitive Factors (RF) | | | | | | | | | | |
| | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | |
| 30 | 272 | 250 | 230 | 214 | 200 | 187 | 176 | 166 | 157 | 150 | |
| 40 | 136 | 125 | 115 | 107 | 100 | 93 | 88 | 83 | 78 | 75 | |
| 50 | 60 | 55 | 50 | 45 | 41 | 38 | 36 | 34 | 32 | 31 | |
| 60 | 40 | 35 | 31 | 29 | 27 | 26 | 24 | 23 | 22 | 21 | |
| 70 | 30 | 25 | 21 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | |
| 80 | 20 | 18 | 16 | 15 | 14 | 13 | 12 | 12 | 11 | 11 | |
| 90 | 16 | 14 | 12 | 11 | 11 | 10 | 9 | 9 | 8 | 8 | |
| 100 | 13 | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 7 | |
| 110 | 10 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 6 | 6 | |
| 120 | 8 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | |
| 130 | 7 | 6 | 6 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | |
| 140 | 6 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | |
| 150 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | |

TABLE 5: DEPTH CORRECTIONS - DIVING AT ALTITUDE (FEET)

| Actual Depth (feet) | Depth Correction at Altitude (feet) | | | | | | | | |
|-----------------------------|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| | 300 → 999 | 1000 → 1999 | 2000 → 2999 | 3000 → 3999 | 4000 → 4999 | 5000 → 5999 | 6000 → 6999 | 7000 → 7999 | 8000 → 10000 |
| 30 | +0 | +10 | +10 | +10 | +10 | +10 | +10 | +20 | +20 |
| 40 | +0 | +10 | +10 | +10 | +10 | +10 | +20 | +20 | +20 |
| 50 | +0 | +10 | +10 | +10 | +10 | +20 | +20 | +20 | +20 |
| 60 | +0 | +10 | +10 | +10 | +20 | +20 | +20 | +20 | +30 |
| 70 | +0 | +10 | +10 | +10 | +20 | +20 | +20 | +30 | +30 |
| 80 | +0 | +10 | +10 | +20 | +20 | +20 | +30 | +30 | +40 |
| 90 | +0 | +10 | +10 | +20 | +20 | +20 | +30 | +30 | +40 |
| 100 | +0 | +10 | +10 | +20 | +20 | +30 | +30 | +30 | +40 |
| 110 | +0 | +10 | +20 | +20 | +20 | +30 | +30 | +40 | +50 |
| 120 | +0 | +10 | +20 | +20 | +30 | +30 | +30 | +40 | +50 |
| 130 | +0 | +10 | +20 | +20 | +30 | +30 | +40 | +40 | +50 |
| 140 | +0 | +10 | +20 | +20 | +30 | +30 | +40 | +40 | +60 |
| 150 | +10 | +10 | +20 | +20 | +30 | +40 | +40 | +50 | +60 |
| 160 | +10 | +20 | +20 | +30 | +30 | +40 | +40 | +50 | +60 |
| 170 | +10 | +20 | +20 | +30 | +30 | +40 | +50 | +50 | +70 |
| 180 | +10 | +20 | +20 | +30 | +40 | +40 | +50 | +50 | |
| 190 | +10 | +20 | +20 | +30 | +40 | +40 | +50 | | |
| 200 | +10 | +20 | +20 | +30 | +40 | +40 | | | |
| 210 | +10 | +20 | +20 | +30 | | | | | |
| 220 | +10 | +20 | | | | | | | |
| 230 | +10 | | | | | | | | |
| Sea Level Stop Depth (feet) | Actual Decompression Stop Depth at Altitude (feet) | | | | | | | | |
| | 300 → 999 | 1000 → 1999 | 2000 → 2999 | 3000 → 3999 | 4000 → 4999 | 5000 → 5999 | 6000 → 6999 | 7000 → 7999 | 8000 → 10000 |
| 10 | 10 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 8 |
| 20 | 20 | 20 | 19 | 18 | 18 | 17 | 16 | 16 | 15 |
| 30 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 24 | 23 |
| 40 | 40 | 39 | 38 | 36 | 35 | 34 | 32 | 31 | 30 |
| 50 | 50 | 49 | 47 | 45 | 44 | 42 | 40 | 39 | 38 |
| 60 | 59 | 58 | 56 | 54 | 52 | 50 | 48 | 47 | 45 |
| 70 | 69 | 68 | 66 | 63 | 61 | 59 | 56 | 54 | 52 |
| 80 | 79 | 77 | 75 | 72 | 70 | 67 | 64 | 62 | 60 |
| 90 | 89 | 87 | 84 | 81 | 78 | 75 | 72 | 70 | 67 |

Decompression tables (metric)

*For instructions on the use of these tables,
see the DCIEM Diving Manual.*

TABLE 1S: SHORT STANDARD AIR DECOMPRESSION (METRES)

| Depth (msw) | No-Decompression Bottom Times (min) | | | | Decompression Required Bottom Times (min) | | | |
|-------------------------------------|--|-------|-------|------------|--|----------------|-------|-------|
| 6 | 30 A | 150 E | 360 I | 720 M ∞ | | | | |
| | 60 B | 180 F | 420 J | | | | | |
| | 90 C | 240 G | 480 K | | | | | |
| | 120 D | 300 H | 600 L | | | | | |
| 9 | 30 A | 100 E | 190 I | 300 M | 330 N 360 O | 400 | 420 | 480 |
| | 45 B | 120 F | 210 J | | | | | |
| | 60 C | 150 G | 240 K | | | | | |
| | 90 D | 180 H | 270 L | | | | | |
| 12 | 22 A | 60 D | 90 G | 150 J | 160 K 170 L 180 M | 200 | 210 | 220 |
| | 30 B | 70 E | 120 H | | | | | |
| | 40 C | 80 F | 130 I | | | | | |
| 15 | 18 A | 30 C | 50 E | 75 G | 90 H 100 I | 110 J 120 K | 128 L | 137 M |
| | 25 B | 40 D | 60 F | | | | | |
| 18 | 14 A | 25 C | 40 E | 50 F | 60 G | 70 H 80 I | 88 J | 95 K |
| | 20 B | 30 D | | | | | | |
| Decompression Time in minutes at | | | 3 msw | | 5 | 10 | 15 | 20 |
| 21 | 12 A | 20 C | 25 D | 35 E | 40 F | 53 H | 65 I | 68 J |
| | 15 B | | | | | | | |
| 24 | 10 A | 15 C | 20 D | 25 E | 30 F | 37 G | 50 H | 54 I |
| | 13 B | | | | | | | |
| 27 | 9 A | 12 B | 15 C | 20 D | 24 E | 28 F | 35 G | 44 I |
| 30 | 7 A | 10 B | 12 C | 15 D | 18 D | 22 F | 30 G | 37 H |
| 33 | | 6 A | 10 B | 12 C | 15 D | 18 E | 24 G | 31 H |
| 36 | | 6 A | 8 B | 10 C | 12 D | 15 E | 19 F | 25 G |
| 39 | | | 5 A | 8 B | 10 C | 13 D | 17 F | 21 G |
| 42 | | | 5 A | 7 B | 9 C | 12 D | 14 F | 18 G |
| 45 | | | 4 A | 7 B | 8 C | 10 D | 13 F | 16 G |
| Decompression Time in minutes at | | | 6 msw | | - | - | 5 | 10 |
| | | | 3 msw | | 5 | 10 | 10 | 10 |

TABLE 4: REPETITIVE DIVING (METRES)

| A. REPETITIVE FACTORS/SURFACE INTERVALS TABLE | | | | | | | | | | | |
|--|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------|------------------|
| Repet. Group (RG) | Repetitive Factors (RF) for Surface Intervals (SI) in hr:min | | | | | | | | | | |
| | 0:15 → 0:29 | 0:30 → 0:59 | 1:00 → 1:29 | 1:30 → 1:59 | 2:00 → 2:59 | 3:00 → 3:59 | 4:00 → 5:59 | 6:00 → 8:59 | 9:00 → 11:59 | 12:00 → 14:59 | 15:00 → 18:00 |
| A | 1.4 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 |
| B | 1.5 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 |
| C | 1.6 | 1.4 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 |
| D | 1.8 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.1 | 1.0 | 1.0 |
| E | 1.9 | 1.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.1 | 1.0 |
| F | 2.0 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.1 | 1.0 |
| G | - | 1.9 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.2 | 1.1 | 1.1 | 1.0 |
| H | - | - | 1.9 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.1 | 1.1 | 1.1 |
| I | - | - | 2.0 | 1.8 | 1.7 | 1.5 | 1.4 | 1.3 | 1.1 | 1.1 | 1.1 |
| J | - | - | - | 1.9 | 1.8 | 1.6 | 1.5 | 1.3 | 1.2 | 1.1 | 1.1 |
| K | - | - | - | 2.0 | 1.9 | 1.7 | 1.5 | 1.3 | 1.2 | 1.1 | 1.1 |
| L | - | - | - | - | 2.0 | 1.7 | 1.6 | 1.4 | 1.2 | 1.1 | 1.1 |
| M | - | - | - | - | - | 1.8 | 1.6 | 1.4 | 1.2 | 1.1 | 1.1 |
| N | - | - | - | - | - | 1.9 | 1.7 | 1.4 | 1.2 | 1.1 | 1.1 |
| O | - | - | - | - | - | 2.0 | 1.7 | 1.4 | 1.2 | 1.1 | 1.1 |

| B. NO-DECOMPRESSION REPETITIVE DIVING TABLE | | | | | | | | | | |
|--|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Depth (msw) | Allowable No-D Limits (min) for Repetitive Factors (RF) | | | | | | | | | |
| | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 |
| 9 | 272 | 250 | 230 | 214 | 200 | 187 | 176 | 166 | 157 | 150 |
| 12 | 136 | 125 | 115 | 107 | 100 | 93 | 88 | 83 | 78 | 75 |
| 15 | 60 | 55 | 50 | 45 | 41 | 38 | 36 | 34 | 32 | 31 |
| 18 | 40 | 35 | 31 | 29 | 27 | 26 | 24 | 23 | 22 | 21 |
| 21 | 30 | 25 | 21 | 19 | 18 | 17 | 16 | 15 | 14 | 13 |
| 24 | 20 | 18 | 16 | 15 | 14 | 13 | 12 | 12 | 11 | 11 |
| 27 | 16 | 14 | 12 | 11 | 11 | 10 | 9 | 9 | 8 | 8 |
| 30 | 13 | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 7 |
| 33 | 10 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 6 | 6 |
| 36 | 8 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 |
| 39 | 7 | 6 | 6 | 5 | 5 | 5 | 4 | 4 | 4 | 4 |
| 42 | 6 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 |
| 45 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |

TABLE 5: DEPTH CORRECTIONS - DIVING AT ALTITUDE (METRES)

| Actual Depth (metres) | Depth Correction at Altitude (metres) | | | | | | | | |
|-------------------------------|--|-----------|-----------|------------|-------------|-------------|-------------|-------------|-------------|
| | 100 → 299 | 300 → 599 | 600 → 899 | 900 → 1199 | 1200 → 1499 | 1500 → 1799 | 1800 → 2099 | 2100 → 2399 | 2400 → 3000 |
| 9 | +0 | +3 | +3 | +3 | +3 | +3 | +3 | +6 | +6 |
| 12 | +0 | +3 | +3 | +3 | +3 | +3 | +6 | +6 | +6 |
| 15 | +0 | +3 | +3 | +3 | +3 | +6 | +6 | +6 | +6 |
| 18 | +0 | +3 | +3 | +3 | +6 | +6 | +6 | +6 | +9 |
| 21 | +0 | +3 | +3 | +3 | +6 | +6 | +6 | +9 | +9 |
| 24 | +0 | +3 | +3 | +6 | +6 | +6 | +9 | +9 | +12 |
| 27 | +0 | +3 | +3 | +6 | +6 | +6 | +9 | +9 | +12 |
| 30 | +0 | +3 | +3 | +6 | +6 | +9 | +9 | +9 | +12 |
| 33 | +0 | +3 | +6 | +6 | +6 | +9 | +9 | +12 | +15 |
| 36 | +0 | +3 | +6 | +6 | +6 | +9 | +9 | +12 | +15 |
| 39 | +0 | +3 | +6 | +6 | +9 | +9 | +12 | +12 | +15 |
| 42 | +0 | +3 | +6 | +6 | +9 | +9 | +12 | +12 | +18 |
| 45 | +3 | +3 | +6 | +6 | +9 | +9 | +12 | +15 | +18 |
| 48 | +3 | +6 | +6 | +9 | +9 | +12 | +12 | +15 | +18 |
| 51 | +3 | +6 | +6 | +9 | +9 | +12 | +15 | +15 | +21 |
| 54 | +3 | +6 | +6 | +9 | +9 | +12 | +15 | +15 | |
| 57 | +3 | +6 | +6 | +9 | +12 | +12 | +15 | | |
| 60 | +3 | +6 | +6 | +9 | +12 | +12 | | | |
| 63 | +3 | +6 | +6 | +9 | | | | | |
| 66 | +3 | +6 | | | | | | | |
| 69 | +3 | | | | | | | | |
| Sea Level Stop Depth (metres) | Actual Decompression Stop Depth at Altitude (metres) | | | | | | | | |
| | 100 → 299 | 300 → 599 | 600 → 899 | 900 → 1199 | 1200 → 1499 | 1500 → 1799 | 1800 → 2099 | 2100 → 2399 | 2400 → 3000 |
| 3 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.5 | 2.5 | 2.5 | 2.5 |
| 6 | 6.0 | 6.0 | 6.0 | 5.5 | 5.5 | 5.0 | 5.0 | 5.0 | 4.5 |
| 9 | 9.0 | 9.0 | 8.5 | 8.5 | 8.0 | 7.5 | 7.5 | 7.0 | 7.0 |
| 12 | 12.0 | 12.0 | 11.5 | 11.0 | 10.5 | 10.0 | 10.0 | 9.5 | 9.0 |
| 15 | 15.0 | 14.5 | 14.0 | 13.5 | 13.0 | 12.5 | 12.0 | 12.0 | 11.5 |
| 18 | 18.0 | 17.5 | 17.0 | 16.5 | 16.0 | 15.0 | 14.5 | 14.0 | 13.5 |
| 21 | 21.0 | 20.5 | 20.0 | 19.0 | 18.5 | 17.5 | 17.0 | 16.5 | 16.0 |
| 24 | 24.0 | 23.5 | 22.5 | 21.5 | 21.0 | 20.0 | 19.5 | 19.0 | 18.0 |
| 27 | 27.0 | 26.0 | 25.5 | 24.5 | 23.5 | 22.5 | 22.0 | 21.0 | 20.0 |